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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/771,519	01/24/2001	Regina J. Liu	ST9-99-177(A8062)	6767

7590 11/02/2004

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WASHINGTON, DC 20037-3213

EXAMINER

AKERS, GEOFFREY R

ART UNIT	PAPER NUMBER
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3625

DATE MAILED: 11/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/771,519

Applicant(s)

LIU ET AL.

Examiner

Geoffrey Akers

Art Unit

3625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 June 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-67 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-67 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This action is issued in response to applicant's Amendment filed 6/25/04.
2. All independent claims 1,21,41 were amended. New claims 61-67 were added.
3. Claims 1-67 as amended, are pending.

Claim Rejections - 35 USC § 103

4. Claims 1-67 are rejected under 35 USC 103(a) as unpatentable over Craig(US Pat. No: 6,513,112) in view of Hotti(US Pat. No: 6,144,941).

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5. Regarding claims 1-67, Craig teaches a method of executing a statement to manipulate data stored in a data store connected to a computer(Abstract)(col 2 lines 11-49). Craig teaches catalog server objects that manage the configuration information(Abstract) in one or more databases. Craig teaches a client/table catalog server architecture(Fig 2) and client table objects working with catalog server objects(Fig 5) and call sequences flowchart for operational flow associated with client table objects and associated transactions(Fig 7)(Fig 8).Craig also teaches that the client table object communicates with the catalog server objects to access configuration information stored in data stores on one or more computer systems and that the catalog server objects may be local or remote(col 3 lines 16-22).Craig also teaches that this process takes place over a computer network(col 3 line 35-col 4 line 2) such as the Internet(col 3 line 43) or a local area network(col 3 line 43).Craig teaches component object model catalogs(col 4 lines 33-34) and components which may be created as objects which consist of data and software to manipulate the data for use by other

applications(col 4 lines 45-48). Craig also teaches table objects which provides a requester with access to underlying data(col 5 lines 61-62).Craig teaches identification of all catalog databases(col 6 lines 9-19) and the catalog server communicating with the data store(col 11 lines 53-58) and call sequence flowcharts(col 15 line 40-col 16 line 67). Hotti teaches receiving a statement for a transaction where the statement works on objects(Abstract)(col 1 line 3-col 4 line 9).Hotti teaches transactions between an application software section(Fig 3/32) and a database(Fig 3/33) which also includes a database management interface(Fig 3/34a) and instruction interface(Fig 3/34b) and a process controller(Fig 3/34) in order to maintain a localized database and a master database. Hotti further teaches the application section creates transactions(col 6 line 26) which comprise statements and which modify the contents of the database(col 6 lines 26-28).Hotti also teaches that the statements are stored in the database and the parameters relating to those statements are also stored there(col 6 lines 31-33).Hotti further teaches that there may be parameters which relater to each transaction and which may be permanently saved in the same database with the transaction(col 6 lines 33-37). Hotti further teaches that a process controller can directly process the statements in database language that can belong to the transaction(col 7 lines 21-22).Hotti further teaches e-commerce transactions(col 7 lines 43-col 8 line 57). It would have been obvious to one skilled in the art at the time of the invention to combine Craig in view of Hotti to teach the disclosure. The motivation to combine is to teach a method of manipulating data in a database for private transaction as enunciated by Hotti(col 4 lines 11-16).

Response to Arguments

6. Applicant's arguments are moot in view of the new grounds of rejection necessitated by applicant's amendment to the independent claims.

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant's amendment necessitated new grounds of rejection.

8. Any questions concerning this communication should be addressed to the primary examiner of record, Dr. Geoffrey Akers, P.E., who can be reached between 6:30 AM and 5:00 PM Monday through Friday at 703-306-5844. If attempts to contact the primary examiner are unsuccessful, the primary examiner's superior, Mrs. Wynn Coggins, SPE, may be telephoned at (703)-308-1344.

The fax number for Formal or Official faxes and Draft or Informal faxes to Technology Center 3600 or this Art Unit is (703)-308-3687. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703)-308-1113.

October 31, 2004



**DR. GEOFFREY R. AKERS, P.E.
PRIMARY EXAMINER**